

CSWC Operational Period Summary

0600 December 16 2015 to 1800 December 16 2015



Homeland Security Secretary Jeh Johnson leaves a news conference where he discussed updates to the National Terrorism Advisory System (NTAS), 12/16/15, at the FEMA National Response Coordination Center in Washington.

Photo Credit: Manuel Balce Ceneta / AP

Note: [Report updates are in blue](#)



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SITUATION SUMMARY

President Obama to Visit San Bernardino County

- President Obama will travel to San Bernardino on Friday, 12/18/15, to join in mourning the 14 victims of the 12/02/15 mass shooting. Obama's visit to Southern California was added to his previously scheduled trip to Hawaii, where he and the first family will celebrate Christmas, as has been their tradition during his presidency.
- During his San Bernardino stop, Obama will visit privately with families of victims. Further details of the president's visit were not disclosed.

National Terrorism Advisory System

- On 12/16/15 the U.S. Dept. of Homeland Security launched a new National Terror Alert System (NTAS). This system is designed to provide some context to the threat of terrorism, whether for overall informational purposes, or to advise on a credible or imminent threat.
- The bulletin joins two other existing alert categories, elevated and imminent. It's the first change since the color-coded system was replaced in 2011.

Proclamations

- The City of Carlsbad, San Diego County has proclaimed a local emergency for repair and stabilization of a roadfill failure along the number 2 lane of Carlsbad Boulevard, southbound, northerly of the Encinas Creek Bridge. Recent severe storms produced destructive tidal-surge waves that impacted this section of roadway. The City of Carlsbad is seeking available reimbursement costs associated with this emergency, including but not limited to federal and state emergency aid and federal highway funds. The resolution is unsigned.

SITUATION SUMMARY

Holiday Weather

- The forecast precipitation maximum in northwest California this coming week is expected to be less than what was observed in the previous week.
- With travel being an increasing concern with the approach of the Christmas Holiday, snowfall in the Sierra may have a relatively greater impact than precipitation.
- Heaviest precipitation will be in Humboldt, Del Norte, and Siskiyou Counties. 6 day precipitation amounts are projected to be 6 to 10.5 inches as opposed to the 8 to 20 inches that were observed last week.
- Debris flow threat to recent burn scar areas may see some run-off but high impact debris flows are not likely.
- Small stream flooding and main stem rivers reaching flood stage in extreme northern California is a slight threat.
- Extended range forecasts have started to show the possibility for widespread precipitation across Southern California next Friday (Dec 25). Confidence in location is low at this time.

North Coast Storm Preparation, Sandbag Training

Due to multiple storm systems forecasted to bring significant precipitation to Northwest California over the next several days, the National Weather Service in Eureka and the Department of Water Resources Eureka Flood Center will be providing sandbag training at their office on Woodley Island, Humboldt County.

- The office is located at: 300 Startare Drive Eureka, California 95501. Their contact phone number is: (707) 443-6484
- The training is open to everyone. No calling ahead is required and will be provided on the following dates and times:
 - Thursday, 12/17/15: 1500 to 1700 hours
 - Friday, 12/18/15: 1500 to 1700 hours
 - Saturday, 12/19/15: 0800 to 1000 hours

Weather of Concern

- The next storm system will bring some warm air over the Cascades and produce a slight chance for some freezing rain for the east side and north eastern portions of California. Given the heavier type of snow expected in the cascades, some trees may become stressed and fall due to the weight of snow and winds. Overall, this system will produce problems for people traveling over the Cascades and on the east side.
- A ridge building over the West Coast will bring fair skies and warmer weather to Southern California for the end of the workweek. High temperatures will be 5 to 10 degrees above average everywhere except the lower deserts, which will remain near average for this time of year. Temperatures begin to lower again for the weekend as a cold front approaches, bringing wind and a chance of showers Saturday night and Sunday.

Active Weather Warnings, Watches and Advisories by County:

http://www.wrh.noaa.gov/sto/brief/www_bc_cal.php

Key Points

12/17 – 12/23

Note: Even with storms continuing to move into CA this week, at this time precipitation this week is expected to be less than what was received last week between 9-16 December .

Thursday-Friday

- Difficult travel possible tonight through Thursday afternoon due to freezing rain and snow potential in extreme Nrn and NE CA
- Potential for flooding of small streams and rivers as warmer storm system moves in tonight through Friday and increases runoff.
- Widespread temperatures at or below freezing expected again Thursday morning in southern CA
- Difficult travel with falling snow levels in the Sierra Friday Aftn/Night

Saturday-Wednesday

- Mountain snow in the Sierra may create travel difficulties leading up to the Christmas Holiday
- Threat for small stream and river flooding Mon-Wed in extreme northern CA will continue with additional storms moving onshore

Christmas Holiday Note: Extended range forecasts have started to show possibility for widespread precipitation across Southern CA next Friday, but confidence in the location of the precipitation is low at this time.



California OES Impact Threat Matrix

Dec 17, 2015 – Dec 23, 2015

DAY/THREAT	THU	FRI	SAT	SUN	MON	TUE	WED
Winds							
Extreme Cold	Srn CA						
Snow	Extreme Nrn and NE CA	Nrn & Central Sierra	Nrn & Central Sierra	Nrn & Central Sierra	Sierra	Sierra	Sierra
Freezing Rain	Extreme Nrn and NE CA						
Heavy Rain/Flash Flooding							
River/Small Stream Flooding	North Central	North Central			North Central	North Central	North Central
Severe Weather							

-  High Threat
-  Moderate Threat
-  Slight Threat
-  No Discernible Threat



Day 1-2 Weather Hazards

Valid: 1800 PST Wed – 0800 PST Sat

-  High Threat
-  Moderate Threat
-  Slight Threat



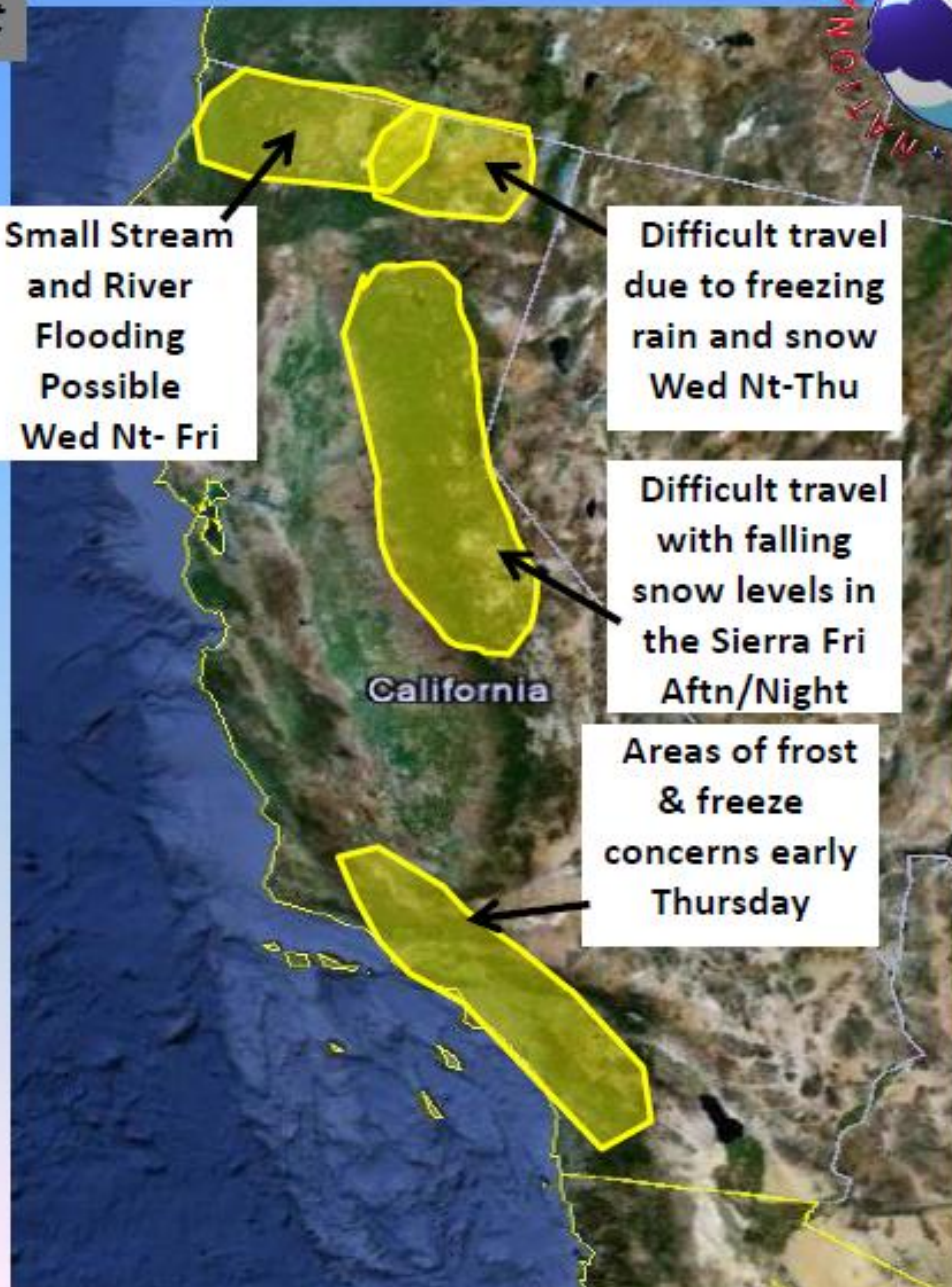
Small Stream
and River
Flooding
Possible
Wed Nt- Fri

Difficult travel
due to freezing
rain and snow
Wed Nt-Thu

Difficult travel
with falling
snow levels in
the Sierra Fri
Aftn/Night

Areas of frost
& freeze
concerns early
Thursday

California



Liquid Precipitation Observed Last Week

4 AM PST Wed Dec 9th through
4 AM PST Wed Dec 16th

Northern Humboldt, Del Norte,
and western Siskiyou 8-15", with
locally 15-20" along Del
Norte/Siskiyou County line

Bay Area 1-3"

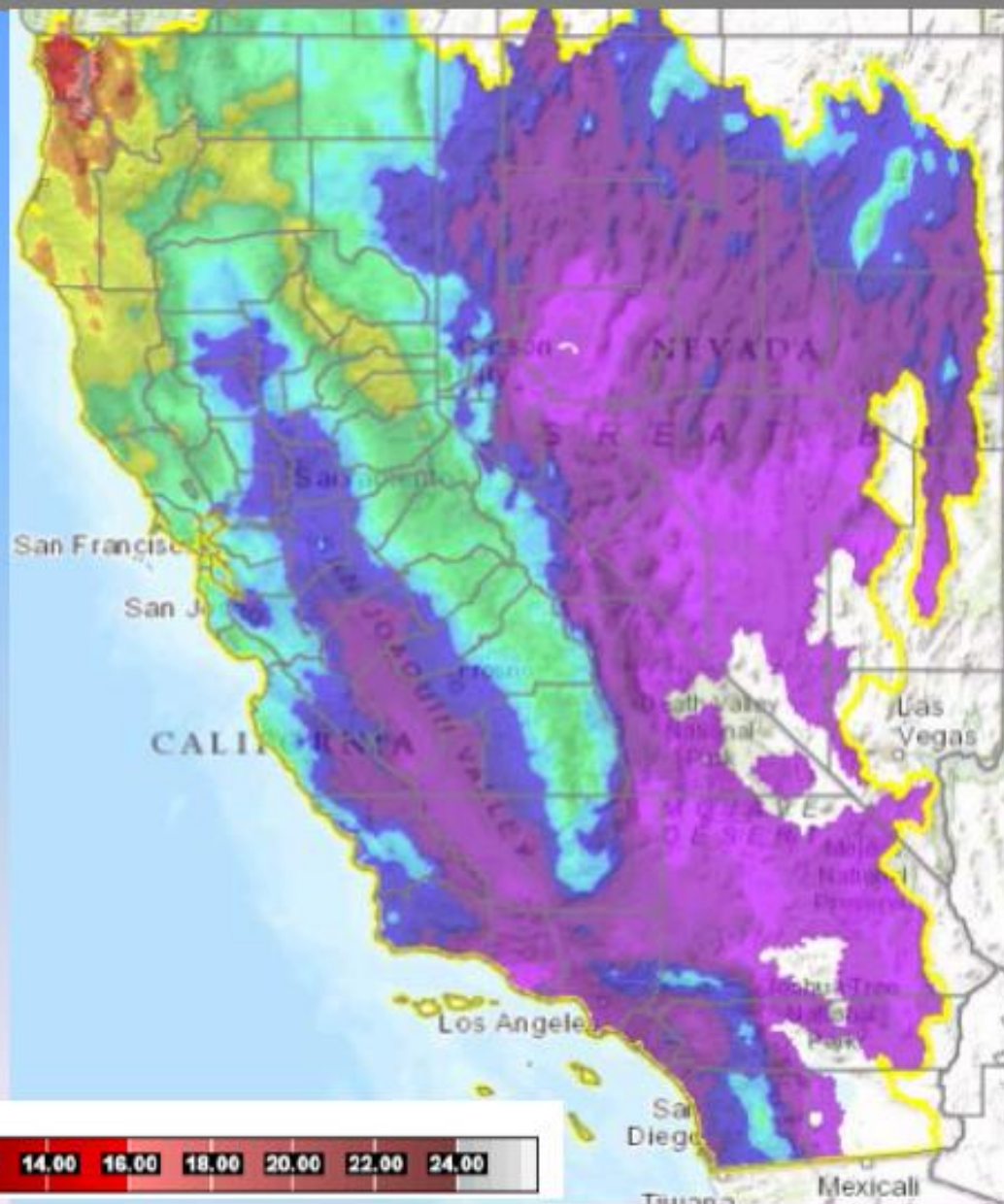
Sacramento Valley 0.5-1"

San Joaquin Valley 0.1-0.3"

Northern Sierra 3-6"

Southern & Central Sierra 1-3"

Southern CA Mountains 1-2"



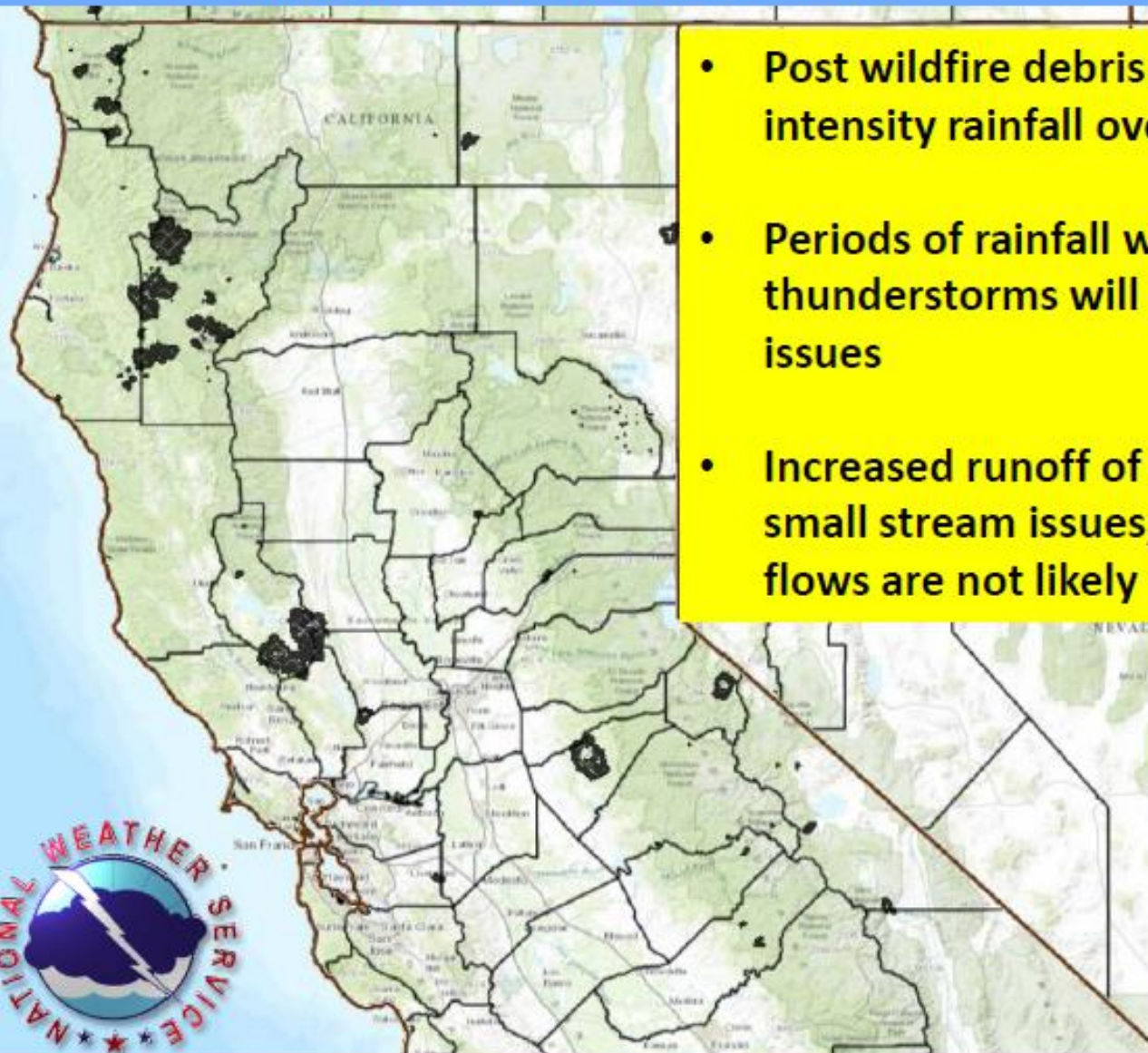
Precipitation (inches)



Debris Flow Threat Consideration

2015 Fire Perimeters in Northern CA

- Post wildfire debris flows are caused by high intensity rainfall over a short period of time
- Periods of rainfall without embedded thunderstorms will seldom cause debris flow issues
- Increased runoff of burn scars with some small stream issues, but high impact debris flows are not likely



WEATHER

WEATHER SYNOPSIS BY REGION:

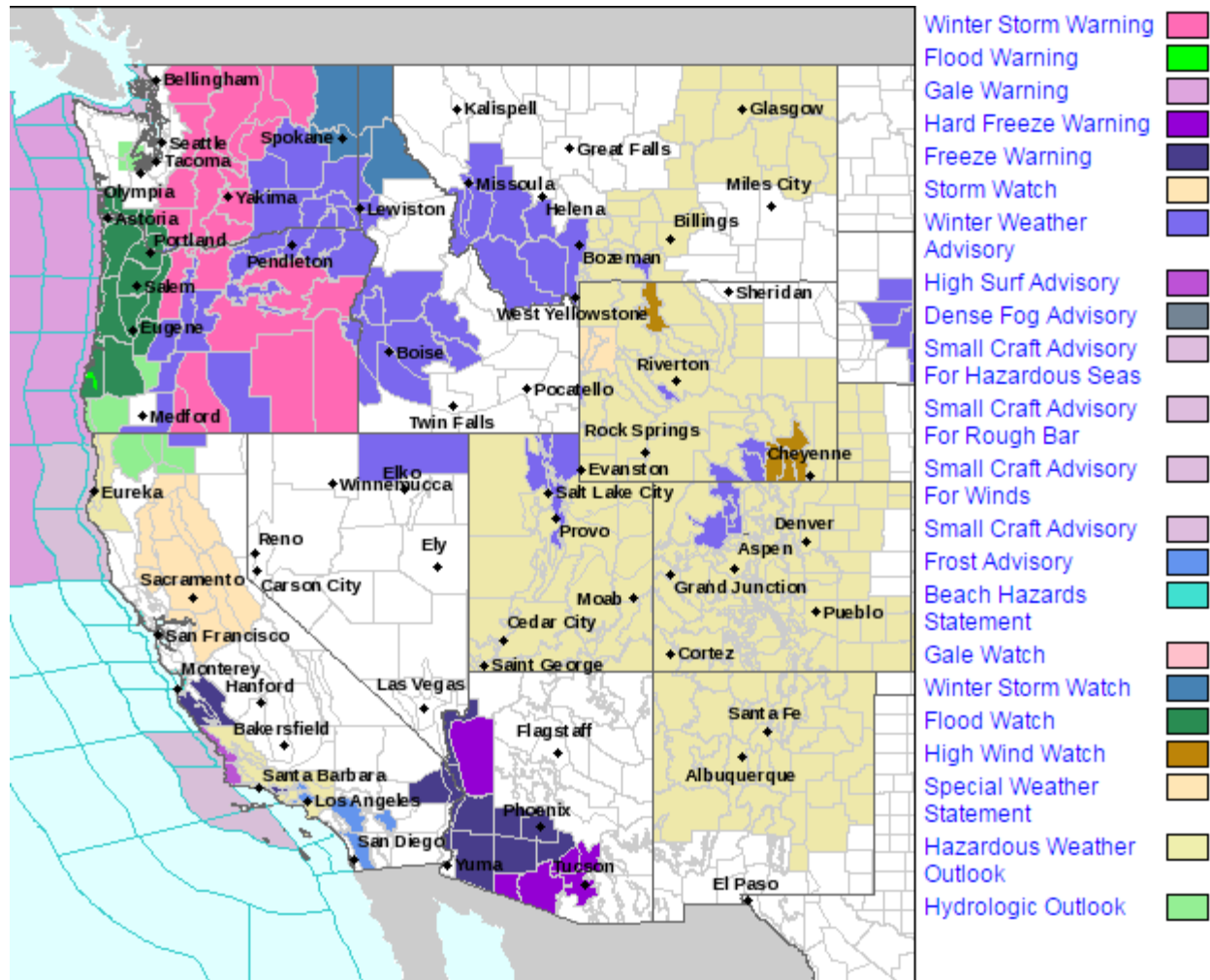
NORTHERN CALIFORNIA

Northern California weather is being governed by a progressive larger-scale pattern. We are currently under a northwesterly flow aloft, between an offshore ridge of high pressure and a low pressure trough centered near the Rocky Mountains. The offshore ridge will advance eastward (while also flattening) over the next 24-36 hours, so that it centers right over Northern California about midday tomorrow. Starting later today the northwest quarter of the area will see light to locally moderate warm-frontal type rain, while this shift occurs. By late Thursday there could be a .25 - 1.50 inch range of new precipitation to the northwest of about a Shelter Cove-Yreka line, but much less to the southeast of that line. Thursday night the next Pacific trough deepens offshore, before pushing the cold frontal part of the storm across Northern California late Thursday night through Friday. Moderate to stronger SSE to SW pre-frontal gradient winds will pick up in many areas by early Friday, and we can look for snow levels to drop to a 3500-4500 foot level with and behind the cold front. The progressive larger-scale pattern then continues to bring rain and mountain snow events to Northern California every 1 to 2 1/2 days through the end of the year, which is now just two weeks away. The next storms after Friday are currently timed for crossing Northern California, Sunday, and Monday (mainly evening hours) into Tuesday.

SOUTHERN CALIFORNIA

Light offshore pressure gradients will produce locally gusty winds in a few places this morning. Northeast winds of 10-20 mph with gusts to 35 mph will be possible across Ventura and northern Los Angeles Counties as well as in the Santa Ana Canyon this morning. These winds should gradually decrease this afternoon. Sunny skies and mild offshore flow will allow temperatures to warm a couple degrees over yesterday with highs in the 40s in the mountains below 6,000 feet to the mid 60s at lower elevations of Southern California. Expect further warming to close out the week with temperatures finally climbing back to near normal by Friday. After today, winds will be light the rest of the workweek. This weekend, another rapidly moving trough is expected to impact the region. The system will reach the central Sierras by Saturday morning with rain becoming increasingly likely over the rest of Southern California Saturday afternoon. It will be very windy in the mountains, Owens Valley and northern deserts Saturday when wind gusts over 40 mph will be possible. This system is expected to quickly dissipate as it moves into the state and only scattered light precipitation is expected over the area Saturday evening. In all 0.50-1.00" of precipitation will be possible in the Sierras north of Fresno County with perhaps a quarter inch of rain over the rest of Central California. Only trace amounts to a tenth of an inch will be possible over Southern California. Next week, northwesterly flow will remain in place, resulting in rain over the northern half of the state with partly sunny and cool weather over the rest of California. No strong offshore winds are expected through the end of next week.

STATE WEATHER MAP



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FIRE ACTIVITY

Preparedness Levels

National Preparedness Level 1

Northern California

Preparedness Level 1, Multi-Agency Coordination System MACS Mode 2

Southern California

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>



CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

- The SOC is activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Recovery/Individual Assistance finalized an updated 2015 version of the drought brochure of programs and services for individuals, businesses, farmers, and ranchers. It has been put on the Governor's Drought webpage. State agencies may put the following link to the brochure on their webpage <http://ca.gov/drought/pdf/Drought-Assistance-Brochure-2015.pdf>
- Cal OES Regions (Inland, Coastal, Southern) collective OA drought call is facilitated by the SOC and will be held once per month.

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

Local Emergency Proclamations:

A total of 63 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 29 Counties: Butte, Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 13 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), City of Rancho Cucamonga (San Bernardino County) and City of West Sacramento (Yolo County), City of Willits (Mendocino County), and City of Fort Bragg (Mendocino County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).





Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.